



Georgian Wired Polycarbonate

About Georgian Wired Polycarbonate

Twinfix GW Polycarbonate® is solid polycarbonate glazing that mimics the appearance of traditional Georgian wired glass.

Georgian wired polycarbonate is safe to handle, is virtually unbreakable and has all the benefits of solid polycarbonate, but looks just like Georgian wired glass, making it the perfect and ideal alternative for refurbishment projects. Georgian wired polycarbonate is especially good for listed buildings and heritage sites where a sympathetic refurbishment is required, but where modern day standards of health and safety are also needed.

Georgian wired polycarbonate is Class IY to BS476: Part 7.

The product is available as individual cut to size sheets or pre-glazed into our Multi-Link-Panel roof glazing system.

Multi-Link-Panels glazed with Georgian wired polycarbonate are classified as Non-Fragile to the ACR[M]001:2014 drop test.

Twinfix GW Polycarbonate® can be used for:

Anti-vandal glazing





Canopies

Walkways

Overhead glazing

Vertical glazing

Our Georgian Wired Polycarbonate feature the following benefits:

-  Long lasting and durable
-  Light weight
-  Virtually unbreakable
-  Safe to handle
-  UV coated
-  Recyclable



Georgian Wired Polycarbonate glazing offers the following advantages:

Weight

6mm solid polycarbonate sheet weighs 7.2kg/ m2, substantially less than the glass alternative - 7.5mm laminated glass weighs 15kg/m2. Use of polycarbonate glazing can therefore offer a safer long-term solution for the building due to reducing the strain imposed on the existing structural steelwork.

Durability/substantiality

Unlike its glass counterpart, polycarbonate will not break, therefore no costly replacement of panels is required in future, contributing to a lower whole life cost. It will withstand natural forces like severe wind, hail, and snow storms as well as building movements caused by such weather.

Virtually unbreakable

Due to the virtually unbreakable characteristics of polycarbonate there will be no danger of breakage, unlike glass. During transit, installation and in situ the impact resistance of polycarbonate means that there is no risk of it cracking, leaking, or breaking and causing glass fragments or debris to fall onto people below. Use of polycarbonate fitted within our Multi-Link-Panel Non-Fragile system also makes a significant contribution to compliance with working at height regulations.



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